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UNITED STATES PATENT APPLICATION FOR

**PROSTHETIC DEVICE**

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## PROSTHETIC DEVICE

### BACKGROUND OF THE INVENTION

#### 5 1. Field of the Invention

The present invention relates to the field of prosthetic devices, and more particularly to a new, unique and attractive device which is especially adapted to conceal women's nipples and which is simple in construction and consequently economical to  
10 manufacture.

#### 2. Prior Art.

Women may often choose to wear a brassiere or the like on their breasts in order to provide a pleasing contour to their  
15 figure by the effect of moderate pressure provided by the brassiere. There are times, however, when the use of a brassiere is undesirable. In the summertime, for example thin garments are often worn, and the brassiere is visible through clothing, and this can present an unsightly appearance. The only viable  
20 alternative to this is for a woman to forego wearing a brassiere entirely. At the same time, many women do not want to dispense with the brassiere. This is because the brassiere provides a certain level of modesty and privacy when it is worn. This privacy is lost without the use of the brassiere. In particular,  
25 the brassiere will cover the nipple and areola of a woman. Without the brassiere, the woman's nipple is likely to be visible through the woman's clothing. For many women, this is simply not

an acceptable alternative.

The brassiere also presses upon the breasts and body of the user by its belts and straps with a resultant inherent discomfort and inconvenience. Moreover, the use of a brassiere can be very  
5 uncomfortable in hot weather and can cause excessive perspiration.

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SUMMARY OF THE PRESENT INVENTION

The present invention provides a prosthetic device which is intended to overcome the limitations of the prior art. In

particular, the present invention provides a nipple cover which

5 is easy to manufacture and use. The nipple cover provides an effective means of covering a woman's breast so that the nipple

is not exposed or visible through thin or sheer clothing. The

present invention can therefore be used in instances where the

use of a brassiere is not practical. The nipple cover is also an

10 improvement over the use of a brassiere because it is smaller in

size and bulk. it also lacks the use of straps and belts which

can cause discomfort. The present invention is therefore more

comfortable and easier to wear.

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BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1 is a perspective view of the preferred embodiment of the prosthetic device of the present invention.

5 Figure 2 is a cross-sectional view of the prosthetic device.

Figure 3 is a front elevation view of the prosthetic device of the present invention showing how it attaches to the human breast.

10 Figure 4 is an illustration of a human torso without the present invention attached.

Figure 5 is an illustration of a human torso having the present invention attached.

Figure 6 is a perspective view of an alternative embodiment of the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

A prosthetic device which functions as a nipple cover will be described. In the following description, for the purposes of explanation, specific construction details, arrangements, and materials are set forth in order to provide a more thorough understanding of the present invention. It will be apparent to those skilled in the art, however, that the present invention may be practiced without these specific details. In other instances, well known manufacturing methods and structures have not been described in detail so as not to obscure the present invention unnecessarily.

Referring first to Figure 1, an illustration of the nipple cover 10 of the present invention is shown. As can be seen, the nipple cover 10 has a shape that generally approximates the shape of a female human breast. The present invention consists of a flexible, reusable and flesh-colored apparatus that covers the nipple so that a woman can go braless or wear a thin bra or lingerie. The device will be soft enough to conform to the woman's figure, yet hard enough so that it will not be affected by the shape of the woman's own nipples.

Referring again to Figure 1, the nipple cover 10 of the present invention has a generally hemispherical shape. It is not solid, but rather is hollow on the inside. The present invention is not intended to replace or enhance a woman's breast. Its intended purpose is to provide a cover for the nipple. The present invention is also not intended to provide support to the

breast, as with a traditional brassiere. Therefore, the nipple cover can be manufactured from a relatively thin material.

Referring next to Figure 2, a cross sectional view of the nipple cover is shown. The nipple cover, as noted above is hollow inside. The thickness of the nipple cover is not uniform. The edges 15 of the device will gradually taper to be thinner near the edges 15. This will allow the nipple cover to blend with the breast surface (as shown in figure 2) for a continuous smoothness.

An absorbent pad 12 is located on the inner portion of the nipple cover, near the center of the device. The absorbent pad 12 is manufactured from a thin, cell-like, material. The purpose of the pad is to absorb perspiration and moisture from the user's skin. The device will also include a number of tiny holes 18. The holes are best shown in Figures 1 and 3. The holes further allow perspiration to be released, thereby increasing the comfort of the user. The holes are concentrated near the center of the nipple cover.

The nipple cover is of sufficient size such that it can cover a user's entire nipple and areola. The cover will also extend a short distance beyond this area to ensure complete coverage. In the preferred embodiment, the nipple cover will extend approximately one-eighth to one-fourth of an inch beyond the areola. The exact size of the nipple cover, however will vary, as will be apparent to those skilled in the art.

The human breast takes on a wide variety of shapes and sizes, and it therefore anticipated that the nipple cover will be

constructed in range of different sizes and styles. The illustration of Figure 1 is therefore intended to be for illustrative purposes only, and is not intended to provide a specific limitation on the size and style of the present

5 invention. It is anticipated that that nipple cover will also be manufactured in a range of different colors, from dark to light. This will enable the nipple cover to match the skin color of the person wearing it.

10 The preferred embodiment of the nipple cover includes an adhesive material 14 which will permit it to more easily attached to the breast. The adhesive material may be tape, glue or other suitable material. In the preferred embodiment, the adhesive will be non-toxic and hypo-allergenic. Referring again to Figure 2, the adhesive 14 does not completely cover the inside surface of the nipple cover. The adhesive is located only along the outer edges of the cover 10. The adhesive forms an annular ring around the inner edges of the device. In an alternative embodiment, the adhesive may be omitted.

15 20 The present invention may be manufactured for a single use, or it may be reusable. If the device is manufactured for a single use, then it will have the adhesive permanently attached to the inner surface of the nipple cover. If the device is reusable, then the adhesive can be removed after each use. A new layer of adhesive can then be applied on the surface after  
25 cleaning.

The present invention will be manufactured from a soft "skin-like" rubbery and flexible material. The material will be



flexible so that the device can conform to the shape of the user's breast. The material must be soft in feel and look. At the same time it must be solid enough not to crinkle or change it's smoothness if the user's nipple hardens underneath. The preferred embodiment of the present invention utilizes plastic urethane. It will be apparent to those skilled in the art that other, equivalent materials may also be used with equal effectiveness. The specific material chosen may vary from the preferred embodiment.

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An alternative embodiment of the invention is illustrated in Figure 6. In the alternative embodiment, the prosthetic device 20 also covers the breast, and it hides the woman's own nipples. The outer surface of the nipple cover, however, includes a simulated, or synthetic nipple 24. This alternative embodiment can be used when the woman desires to have the appearance of an erect nipple visible through her clothing. The synthetic nipple is manufactured by including a protrusion on the nipple cover in the approximate location where the woman's own nipple would naturally be located. The size and look of the synthetic nipple can be varied as a matter of design choice. For example, the size of the nipple may be exaggerated in some instances.

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The description of the present invention has been made with respect to specific arrangements and constructions of a nipple cover. It will be apparent to those skilled in the art that the foregoing description is for illustrative purposes only, and that  
5 various changes and modifications can be made to the present invention without departing from the overall spirit and scope of the present invention. The full extent of the present invention is defined and limited only by the following claims.

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